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XVII.

METEOROLOGICAL OBSERVATIONS, AT GROVE PLANTATION,
FIVE MILES SOUTH OF NATCHEZ.

BY WINTHROP SARGENT, Esq.

Late governor of the Mississippi Territory.

Communicated by the reverend President Webber.

*Days of rain and no rain, with quantity of water falling, &c. Snow
reduced to water, and measured as rain.*

Years	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807			
Months	No rain Rain or snow	No rain Rain or snow	No rain Rain or snow	No rain Rain or snow	No rain Rain or snow	No rain Rain or snow	No rain Rain or snow	No rain Rain or snow	Rain on a level in 225 parts of an inch	No rain Rain or snow	Rain in 225 parts of an inch	No rain Rain or snow	Rain in 225 parts of an inch
Jan.		22 9	24 7	20 11	19 12	24 7	25 6	23 8		26 5	86 1	26 5	63 4
Feb.		16 12	23 5	18 10	17 11	18 10	24 5	25 3		20 8	40 2	14 14	13 13
March		21 10	20 11	25 6	20 11	24 7	20 11	25 6		24 7	42 1	23 8	95 9
April		19 11	21 9		15 15	21 9	23 7	26 4		22 8	53 3	22 8	135 2
May		25 6	21 10		20 11	20 11	24 7	22 9		16 15	206 7	29 2	180
June		20 10	22 8		25 5	26 4	24 6	17 13		17 13	50 6	23 7	97 5
July		21 10	21 10		15 16	20 11	22 9	12 19		19 12	94 2	24 7	185
Aug.	18 13	20 11	24 7		13 18	26 5	13 18	14 17		17 14	87 6	24 7	270
Sept.	27 3	17 13	23 7		24 6	18 12	23 7	23 7		23 7	209	24 6	755
Oct.	22 9	26 5	24 7		26 5	21 10	28 3	23 8		25 6	65 8	31	
Nov.	26 4	23 7	23 7		19 11	18 12	20 10	23 7		20 10	95 1	23 7	380
Dec.	19 12	18 13	23 8		16 15	22 9	21 10	19 12	142 7	18 13	100 2	4 7	1300
		24 8	1 17	26 9	2 29	1 30	25 8	26 7		24 7	118		830 8
		2d.sn	3d.sn.		Dec.	Jan.	Mar.	Jan.		Dec.			287
		Feb.	J. F. &	Dec.	1st d. snow	1st d. snow	1st d. snow	3days snow		2d d. snow			Jan. 17 snow
		& De.											

1808.

	No rain.	Rain.	Rain in 225 pts. in.		No rain.	Rain	Rain in 225 pts. in.
Jan.	19	12	1679	Aug.	20	11	940
Feb.	22	7	931	Sept.	21	9	189
March	23	8	907	Oct.	23	8	640
April	20	10	2005	Nov.	24	6	695
May	24	7	1132	Dec.	24	7	1961
June	11	19	1200				
July	19	12	1779				
					249	116	14058
					Jan. 27, snow.		

Latest vernal and earliest autumnal frosts and state of the thermometer ; also lowest state of the thermometer, from 1798 to 1808, both inclusive ; the thermometer never above 96° in the shade.

		Thermom.			Thermom.
1798	Sept. 29 frost			Dec. 3	27°
	Dec. 10	27°	1804	Jan. 25	19
1799	Feb. 22	22		March 3	20
	April 6	38		April 1	35
	7	38		Oct. 19	49
	Nov. 13	41		26	39
	Dec. 30	23		Dec. 10	26
1800	Jan. 3	20		30	25
	March 11	38	1805	Jan. 12	21
	Oct. 6	36		April 23	46
	7	41		Oct. 21	40
	19	43		Dec. 29	36
	Nov. 21	21	1806	Jan. 9	19
	Dec. 12	11		April 11	42
1801	Jan. 3	25		18	44
	March 29	35		Oct. 31	32
	Nov. 7	30		Dec. 1	29
	Dec. 12	28		13	29
1802	Jan. 10	27	1807	Jan. 18	24
	Feb. 23	25		19	13
	March 28	34		20	20
	Sept. 24	38		Feb. 7	12
	Nov. 28	20		March 19	30
1803	March 2	20		31 light frost	38
	April 5	37		April 2 severe frost	39
	Nov. 6	36		3	32

	Oct. 27 frost	40°		22 do	34°
	30	39		April 17 do	38
	31	39		27 do	49
	Nov. 28	29		Oct. 13 do	44
	Dec. 19	28		23 severe frost	39
1808	Jan. 15	16		24 do	32
	Feb. 9	29		Nov. 24	32
	March 21 light frost	38		Dec. 25	20